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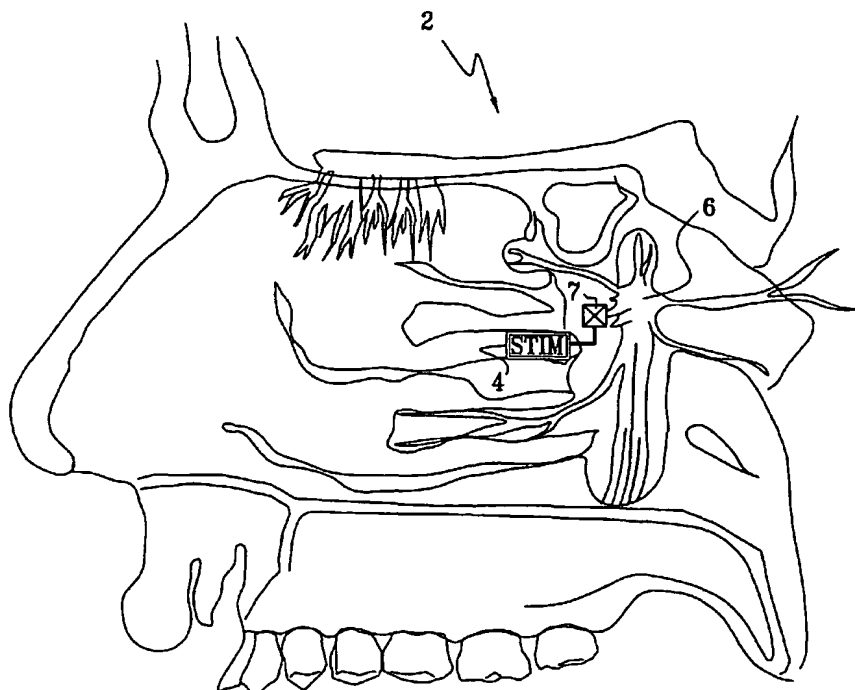
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(54) Title: METHODS AND SYSTEMS FOR MANAGEMENT OF ALZHEIMER'S DISEASE



(57) Abstract: Methods of diagnosing and treating Alzheimer's disease (AD) are provided. The methods include stimulating the sphenopalatine ganglion (SPG) (6) of a subject with an olfactory or electrical stimulator (4) so that the concentration of a substance in the subject's brain changes.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61N 1/00 US CL : 607/1 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 128/898-899; 607/1-3, 115-116,118 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	US 6,325,475 B1 (HAYES et al) 04 December 2001 (04.12.2001), Figs. 1-3, Col. 7, line 29-Col. 8, line 36, Col.19, line 19-Col. 22, line 3.	164-173, 176-177 ----- 97, 99, 107, 115, 117, 121, 129, 139, 146, 148, 150, 152, 154, 156, 158
X --- A	US 6,338,715 B1 (HAYES et al) 15 January 2002 (15.01.2002), whole document.	164-173 ----- 97, 99, 107, 115, 117, 121, 129, 139, 146, 148, 150, 152, 154, 156, 158
A	US 5,792,100 A (SHANTHA) 11 August 1998 (11.08.1998), Col. 2, lines 25-31, Col. 5, lines 23-35, Col. 6, line 48-Col. 7, line 10.	96, 98, 105, 115-116, 119, 127, 137-138, 145, 147, 149, 151, 153, 155
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230		Authorized officer Kristen Drossch Telephone No. 703-605-1185